

Please type a plus sign (+) inside this box →



10-01-01

A

PTO/SB/05 (12/97)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Approved for use through 09/30/00. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY

PATENT APPLICATION  
TRANSMITTAL(Only for new nonprovisional applications under 37  
CFR 1.53(b))Attorney Docket  
No.COMP:0247  
P01-3710Total  
Pages

52

First Named Inventor or Application Identifier

Patrick L. Ferguson et al.

Express Mail Label  
No.

EL 827 072 524 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent  
application contents.

Assistant Commissioner for Patents

ADDRESS TO: Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages 32**  
(preferred arrangement set forth below)  
-Descriptive  
-Cross References to Related Application  
-Statement Regarding Fed sponsored R & D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) **Total Sheets 3**  
**Total Pages 9**
4. Oath or Declaration  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (where there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity ☐ Statement filed in prior application  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other PTO-2038 (Credit card Payment Form)

17. ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

## 18. CORRESPONDENCE ADDRESS

- ☐ Customer Number or Bar Code Label ☒ Correspondence address below
- (Insert Customer No. or Attach bar code label here)

NAME Michael G. Fletcher

Fletcher, Yoder &amp; Van Someren

ADDRESS P.O. Box 692289

CITY Houston

STATE Texas

ZIP CODE 77269-2289

COUNTRY USA

TELEPHONE (281) 970-4545

Fax (281) 970-4503

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<b>FEE TRANSMITTAL</b>		<b>Complete if Known</b>	
		Application Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	Patrick L. Ferguson
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT	(\$) <b> 992.00</b>	Attorney Docket Number	COMP:0247/FLE (P01-3710)

<p><b>METHOD OF PAYMENT (check one)</b></p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <b>06-1315/COMP:0247/FLE</b></p> <p>Deposit Account Name <b>Fletcher, Yoder &amp; Van Someren</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)</p> <p>2. <input type="checkbox"/> Payment Enclosed:  <input type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input checked="" type="checkbox"/> Other  <b>PTO-2038 (Credit Card Payment Form)</b></p> <p style="text-align: center;"><b>FEE CALCULATION (fees effective 10/01/96)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">1. FILING FEE</th> </tr> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> </tr> <tr> <th>Fee (\$)</th> <th>Fee (\$)</th> </tr> <tr> <td>101 710</td> <td>201 355</td> </tr> <tr> <td>106 320</td> <td>206 160</td> </tr> <tr> <td>107 490</td> <td>207 245</td> </tr> <tr> <td>108 710</td> <td>208 355</td> </tr> <tr> <td>114 150</td> <td>214 75</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (1) (\$)<u> 710.00</u></b></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">2. CLAIMS</th> </tr> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> </tr> <tr> <th>Fee (\$)</th> <th>Fee (\$)</th> </tr> <tr> <td>103 18</td> <td>203 9</td> </tr> <tr> <td>102 80</td> <td>202 40</td> </tr> <tr> <td>104 270</td> <td>204 135</td> </tr> <tr> <td>109 80</td> <td>209 40</td> </tr> <tr> <td>110 18</td> <td>210 9</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (2) (\$)<u> 242.00</u></b></td> </tr> </table>	1. FILING FEE		Large Entity	Small Entity	Fee Code	Fee Code	Fee (\$)	Fee (\$)	101 710	201 355	106 320	206 160	107 490	207 245	108 710	208 355	114 150	214 75	<b>SUBTOTAL (1) (\$)<u> 710.00</u></b>		2. CLAIMS		Large Entity	Small Entity	Fee Code	Fee Code	Fee (\$)	Fee (\$)	103 18	203 9	102 80	202 40	104 270	204 135	109 80	209 40	110 18	210 9	<b>SUBTOTAL (2) (\$)<u> 242.00</u></b>		<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>_____</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing or cover sheet</td> <td>_____</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td>_____</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td>_____</td> </tr> <tr> <td>112</td> <td>920</td> <td>112</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>_____</td> </tr> <tr> <td>113</td> <td>1,840</td> <td>113</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td>_____</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for response within first month</td> <td>_____</td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for response within second month</td> <td>_____</td> </tr> <tr> <td>117</td> <td>950</td> <td>217</td> <td>475</td> <td>Extension for response within third month</td> <td>_____</td> </tr> <tr> <td>118</td> <td>1,570</td> <td>218</td> <td>755</td> <td>Extension for response within fourth month</td> <td>_____</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td>_____</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td>_____</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td>_____</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>_____</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive unavoidably abandoned application</td> <td>_____</td> </tr> <tr> <td>141</td> <td>1,320</td> <td>241</td> <td>660</td> <td>Petition to revive unintentionally abandoned application</td> <td>_____</td> </tr> <tr> <td>142</td> <td>1,320</td> <td>242</td> <td>660</td> <td>Utility issue fee (or reissue)</td> <td>_____</td> </tr> <tr> <td>143</td> <td>450</td> <td>243</td> <td>225</td> <td>Design issue fee</td> <td>_____</td> </tr> <tr> <td>144</td> <td>670</td> <td>244</td> <td>335</td> <td>Plant issue fee</td> <td>_____</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>_____</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td>_____</td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td>_____</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td><u>40.00</u></td> </tr> <tr> <td>146</td> <td>790</td> <td>246</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td>_____</td> </tr> <tr> <td>149</td> <td>790</td> <td>249</td> <td>395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td>_____</td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td>_____</td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td>_____</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (3) (\$)<u> 40.00</u></b></td> </tr> <tr> <td colspan="6">* Reduced by Basic Filing Fee Paid</td> </tr> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	_____	127	50	227	25	Surcharge - late provisional filing or cover sheet	_____	139	130	139	130	Non-English specification	_____	147	2,520	147	2,520	For filing a request for reexamination	_____	112	920	112	920	Requesting publication of SIR prior to Examiner action	_____	113	1,840	113	1,840	Requesting publication of SIR after Examiner action	_____	115	110	215	55	Extension for response within first month	_____	116	400	216	200	Extension for response within second month	_____	117	950	217	475	Extension for response within third month	_____	118	1,570	218	755	Extension for response within fourth month	_____	119	310	219	155	Notice of Appeal	_____	120	310	220	155	Filing a brief in support of an appeal	_____	121	270	221	135	Request for oral hearing	_____	138	1,510	138	1,510	Petition to institute a public use proceeding	_____	140	110	240	55	Petition to revive unavoidably abandoned application	_____	141	1,320	241	660	Petition to revive unintentionally abandoned application	_____	142	1,320	242	660	Utility issue fee (or reissue)	_____	143	450	243	225	Design issue fee	_____	144	670	244	335	Plant issue fee	_____	122	130	122	130	Petitions to the Commissioner	_____	123	50	123	50	Petitions related to provisional applications	_____	126	240	126	240	Submission of Information Disclosure Stmt	_____	581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	_____	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	_____	Other fee (specify) _____					_____	Other fee (specify) _____					_____	<b>SUBTOTAL (3) (\$)<u> 40.00</u></b>					* Reduced by Basic Filing Fee Paid					
1. FILING FEE																																																																																																																																																																																																																												
Large Entity	Small Entity																																																																																																																																																																																																																											
Fee Code	Fee Code																																																																																																																																																																																																																											
Fee (\$)	Fee (\$)																																																																																																																																																																																																																											
101 710	201 355																																																																																																																																																																																																																											
106 320	206 160																																																																																																																																																																																																																											
107 490	207 245																																																																																																																																																																																																																											
108 710	208 355																																																																																																																																																																																																																											
114 150	214 75																																																																																																																																																																																																																											
<b>SUBTOTAL (1) (\$)<u> 710.00</u></b>																																																																																																																																																																																																																												
2. CLAIMS																																																																																																																																																																																																																												
Large Entity	Small Entity																																																																																																																																																																																																																											
Fee Code	Fee Code																																																																																																																																																																																																																											
Fee (\$)	Fee (\$)																																																																																																																																																																																																																											
103 18	203 9																																																																																																																																																																																																																											
102 80	202 40																																																																																																																																																																																																																											
104 270	204 135																																																																																																																																																																																																																											
109 80	209 40																																																																																																																																																																																																																											
110 18	210 9																																																																																																																																																																																																																											
<b>SUBTOTAL (2) (\$)<u> 242.00</u></b>																																																																																																																																																																																																																												
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																							
105	130	205	65	Surcharge - late filing fee or oath	_____																																																																																																																																																																																																																							
127	50	227	25	Surcharge - late provisional filing or cover sheet	_____																																																																																																																																																																																																																							
139	130	139	130	Non-English specification	_____																																																																																																																																																																																																																							
147	2,520	147	2,520	For filing a request for reexamination	_____																																																																																																																																																																																																																							
112	920	112	920	Requesting publication of SIR prior to Examiner action	_____																																																																																																																																																																																																																							
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	_____																																																																																																																																																																																																																							
115	110	215	55	Extension for response within first month	_____																																																																																																																																																																																																																							
116	400	216	200	Extension for response within second month	_____																																																																																																																																																																																																																							
117	950	217	475	Extension for response within third month	_____																																																																																																																																																																																																																							
118	1,570	218	755	Extension for response within fourth month	_____																																																																																																																																																																																																																							
119	310	219	155	Notice of Appeal	_____																																																																																																																																																																																																																							
120	310	220	155	Filing a brief in support of an appeal	_____																																																																																																																																																																																																																							
121	270	221	135	Request for oral hearing	_____																																																																																																																																																																																																																							
138	1,510	138	1,510	Petition to institute a public use proceeding	_____																																																																																																																																																																																																																							
140	110	240	55	Petition to revive unavoidably abandoned application	_____																																																																																																																																																																																																																							
141	1,320	241	660	Petition to revive unintentionally abandoned application	_____																																																																																																																																																																																																																							
142	1,320	242	660	Utility issue fee (or reissue)	_____																																																																																																																																																																																																																							
143	450	243	225	Design issue fee	_____																																																																																																																																																																																																																							
144	670	244	335	Plant issue fee	_____																																																																																																																																																																																																																							
122	130	122	130	Petitions to the Commissioner	_____																																																																																																																																																																																																																							
123	50	123	50	Petitions related to provisional applications	_____																																																																																																																																																																																																																							
126	240	126	240	Submission of Information Disclosure Stmt	_____																																																																																																																																																																																																																							
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>																																																																																																																																																																																																																							
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	_____																																																																																																																																																																																																																							
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	_____																																																																																																																																																																																																																							
Other fee (specify) _____					_____																																																																																																																																																																																																																							
Other fee (specify) _____					_____																																																																																																																																																																																																																							
<b>SUBTOTAL (3) (\$)<u> 40.00</u></b>																																																																																																																																																																																																																												
* Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																												

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Robert A. Manware	Reg. Number	48,758
Signature		Date	09/28/01
		Deposit Acct. User ID	06-1315 - COMP:0247/FLE (P01-3710)